

## Claims

- [c1] 1.A registration and sample ordering system for the blinded, randomized testing of samples of a product at one or more sites, the system comprising:
- i) a remotely accessible electronic database programmed to:
    - a) run real-time or batch data processes,
    - b) process at least two call flows,
    - c) receive and process test subject registration data,
    - d) randomize subjects, and
    - e) determine when study numbers are fulfilled and thereafter lock out additional subjects;
  - ii) said database being linked to an interactive electronic ordering and tracking system for supplying samples to one or more sites, said ordering system having an electronic randomizing operation for randomizing and individualizing samples based on prior subject randomization.
- [c2] 2.A computer-based method for carrying out blinded, randomized testing of samples of a product at one or more sites, the method comprising:
- i) remotely accessing an electronic database programmed to:
    - a) run real-time or batch processing of data,
    - b) process at least two call flows,
    - c) receive and process test subject registration data,
    - d) randomize subjects, and
    - e) determine when study numbers are fulfilled and thereafter locking out additional subjects; and
  - ii) linking said database interactively to a second electronic system programmed to accept orders for and track distribution of samples to be used at one or more sites, said sample ordering system having an electronic randomizing operation for randomizing and individualizing samples based on prior subject randomization.
- [c3] 3.A method for registering and ordering of samples for blinded, randomized testing of samples of a product at one or more sites, the method comprising:
- i) remotely accessing an electronic database programmed to:

- a) run real-time or batch processing of data,  
b) process at least two call flows,  
c) receive and process study subject registration data,  
d) randomize subjects, and  
e) determining when study numbers are fulfilled and thereafter lock out additional subjects.
- [c4] 4.The method of claim 3 wherein said database is programmed to communicate with and provide instructions to an interactive electronic ordering and tracking system for supplying samples to one or more sites, said ordering system having an electronic randomizing operation for randomizing and individualizing samples based on prior subject randomization.
- [c5] 5.A registration and sample ordering system for blinded, randomized testing of samples of a product at one or more sites, the system comprising:  
i) a remotely accessible electronic database programmed to:  
a) run real-time or batch data processes,  
b) process least two call flows,  
c) receive and process test subject registration data,  
d) randomize subjects, and  
e) lock out new subjects when study numbers are fulfilled; and  
ii) an interactive electronic ordering and tracking system for supplying samples to one or more sites, said ordering system having an electronic randomizing operation for randomizing and individualizing samples based on prior subject randomization.
- [c6] 6.A machine-readable medium which has written thereto code for controlling a computational device in a manner which causes it to carry out a method for blinded, randomized testing of samples of a product at one or more sites, wherein the code comprises:  
i) a database with remote access capability and programmed to:  
a) run real-time or batch processing of data on said device or controlling

said processing of data on a remote device,  
b) handle at least two call flows,  
c) receive and process directly or remotely test subject registration data,  
d) randomize subjects, and  
e) determine when study numbers are fulfilled and thereafter lock out additional subjects;

- [c7] 7.The medium of claim 6 wherein said database is interactively linked electronically to a system for ordering and tracking sample supplies for one or more sites, said sample ordering system having an electronic randomizing operation for randomizing and individualizing samples based on prior subject randomization
- [c8] 8.An electronic system for ordering and tracking sample supplies for one or more sites at which are being carried out a blinded, randomized testing of samples of a product, said sample ordering system having an electronic randomizing operation for randomizing and individualizing samples based on prior subject randomization and, optionally, capable of being linked interactively to a second database or system according to claim 6.